

Abstract

Gas Bearings for use with Vacuum Chambers  
and their Application in Lithographic Projection Apparatus

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A bearing for use in a vacuum chamber comprises a gas bearing discharging  
pressurised gas into a gap between two members to maintain a predetermined  
separation between those members. To avoid the gas forming the gas bearing  
10 being an unacceptable leak into the vacuum chamber, a vacuum pump is provided  
between the vacuum chamber and the gas bearing

Fig. 2